

Abstract of the Disclosure

An internal bubble cooling process and apparatus for cooling extruded thermoplastic thin wall tubular bubbles emanating from an extrusion die head employing a first central channel for introducing cooling air into the bubble and a second channel formed between the outer wall of the central channel and the inner wall of the die head for withdrawing heated air from the bubble. Integration of the die head and airflow channels with a cooling tower and the method of use are also disclosed.